

Date: Wed, 3 Nov 93 04:30:24 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #92
To: Ham-Equip

Ham-Equip Digest Wed, 3 Nov 93 Volume 93 : Issue 92

Today's Topics:

 Building a Tuner?
 How to calibrate a DVM
 Kenwood TS440S/AT and ICOM IC-32AT (2 msgs)
 Problem with HW-101
 Standard Radio Repair Experience
 TS-820S+17m+DC FOR SALE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 1 Nov 1993 17:13:33 +0000
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!pipex!uknet!demon!
abacus.demon.co.uk!dmb@ames.arpa
Subject: Building a Tuner?
To: ham-equip@ucsd.edu

In article <2aplgtINNe29@uwm.edu>,
Thomas Jay Pachner <pachner@csd4.csd.uwm.edu> wrote:
>I was just thinking about possible projects for this winter, and was
>wondering how hard it is to build an antenna tuner.
>

What's it required for Thomas - transmit/receive ?

-David

--

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Here's a koan: If you have ice-cream I will give you some. If you have none,
I will take it away from you. (it's an ice-cream koan).

Date: 2 Nov 1993 00:33:16 GMT

From: olivea!pagesat!news.cerf.net!lsi.lsil.com!news@uunet.uu.net

Subject: How to calibrate a DVM

To: ham-equip@ucsd.edu

Bill, there are plenty of calibration labs about that can calibrate your DVM (s) for you to a national (NIST) standard price should run at about \$40 a shot. The manufacturer should be able to help you too, but often they are pricier. Send your most accurate unit (according to the manufacturers spec's). Then just cal the others to that ones readings.

Date: 2 Nov 1993 00:26:53 GMT

From: agate!spool.mu.edu!olivea!pagesat!news.cerf.net!lsi.lsil.com!news@ames.arpa

Subject: Kenwood TS440S/AT and ICOM IC-32AT

To: ham-equip@ucsd.edu

I am considering buying the above equipment second hand, along with a GAP DX-VI and Batternut HF-6VX antennas, power supply for the HF rig, and some assorted bits and pieces. Both radios are about 4 years old.

Could anyone who has or currently owns either radio give me an opinion on them.

The asking price is \$1400 for the package.

Thanks in advance...

Date: 2 Nov 1993 18:02:55 GMT

From: news.cerf.net!lsi.lsil.com!news@network.ucsd.edu

Subject: Kenwood TS440S/AT and ICOM IC-32AT

To: ham-equip@ucsd.edu

Thanks to everyone who sent me e-mail in response to my question about the above radios and antennas. It is much appreciated...

Date: 2 Nov 93 14:13:48 GMT

From: sdd.hp.com!col.hp.com!jms@hplabs.hp.com

Subject: Problem with HW-101

To: ham-equip@ucsd.edu

Mark E. Bailey (mebly@eng.umd.edu) wrote:

: I'm trying to figure out a problem with low RF output from an HW-101 and I'm
: hoping to gain enlightenment from the net. :-)

: The problem is low RF output (less than 10 watts). The driver and final
: tubes have been replaced.

: The only way to increase the RF output is to change the bias setting for
: the plate current (actually measured as cathode current) on the final tubes
: to a value far exceeding the alignment value from the manual.

: I haven't found any component failures or other problems in the final RF
: amplifier or driver. The less than 10 watts seems to be clean RF.

The only thing that comes to mind (and you've probably already tried this, though you don't say) is to proceed back from the driver stage. I think the HW-101 is basically the same as the SB-401, and all the other Heath tube type xmtrs, but I don't know. Any low level, the mixers on, could cause the problem. If you have access to all the tubes, you can try substitution, one at a time. Otherwise, try signal tracing from the driver back. I know this doesn't help much, but it's the way I would do it.

Mike, K0TER

Date: 2 Nov 93 13:43:58 GMT

From: sdd.hp.com!think.com!parish@hplabs.hp.com

Subject: Standard Radio Repair Experience

To: ham-equip@ucsd.edu

Last Sunday at a public service event, I noticed that my Standard C558A portable was having intermittent receive (and transmit) problems. In addition, I noticed that the antenna connector was loose. The BNC was a flanged connector, with two tiny screws fastening it to the rear half of the metal case. Tightening the screws had no effect. Upon further inspection, I discovered that the case was broken around the connector and that the center conductor was disconnected from the BNC. I could solder the connector back, but part of the case was broken and there was no way to securely mount it. Checking the warranty, I found that it was one year. Checking my receipt, I found that I had owned the radio about three weeks longer than one year. I called Standard Radio to get return authorization and the mailing address. On Monday afternoon, I mailed the radio out 2nd day. On Thursday evening (the repair shop has evening hours), I called to find out the expected bad new\$, only to find out that the radio had already been repaired and sent back to me, no charge! I received the radio back in less than one week, better than new. I say better than new because if

there are any 558 owners out there, they know that the battery does not fit onto the radio very securely. With the new rear case, both my OEM battery and my aftermarket battery fit securely. I am very pleased with the service that I received from Standard and wanted to share it with the net. We often hear of bad service stories and I wanted to relate a good one for a change.

Ed WA2SCA

Date: Tue, 02 Nov 1993 15:38:36 GMT
From: yuma!galen@purdue.edu
Subject: TS-820S+17m+DC FOR SALE
To: ham-equip@ucsd.edu

Kenwood TS-820S (160 thru 10 +17m) For Sale!
Digital display has been cured of it's dropout problems!
Has tube finals and driver, tubes less than 3 months old!
Has 17m transcieve capability (70 Watts CW)!
Includes crystal for 12m mod, and the QST article with 12,17 and 10m mods!
Has 12VDC Converter!
Recently aligned, both RF and audio sound great!
Has owners' and service manual.
Asking \$400 or best offer.
Terms: UPS COD cash only, you pay shipping.

Phone 303-482-2316 (msg) or e-mail.

Galen, KF0YJ.
I reserve the right to refuse any or all offers.

End of Ham-Equip Digest V93 #92

